

FIG.1

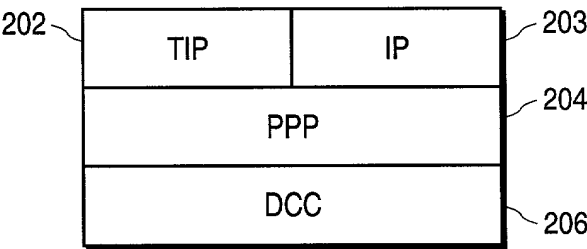


FIG.2

300

| 302 | 304 | 306 | 308 |
|-----|------------|-------------|------------------|
| TID | IP ADDRESS | PORT NUMBER | EXPIRATION TIMER |
| | | | |
| | | | |
| | | | |

FIG.3

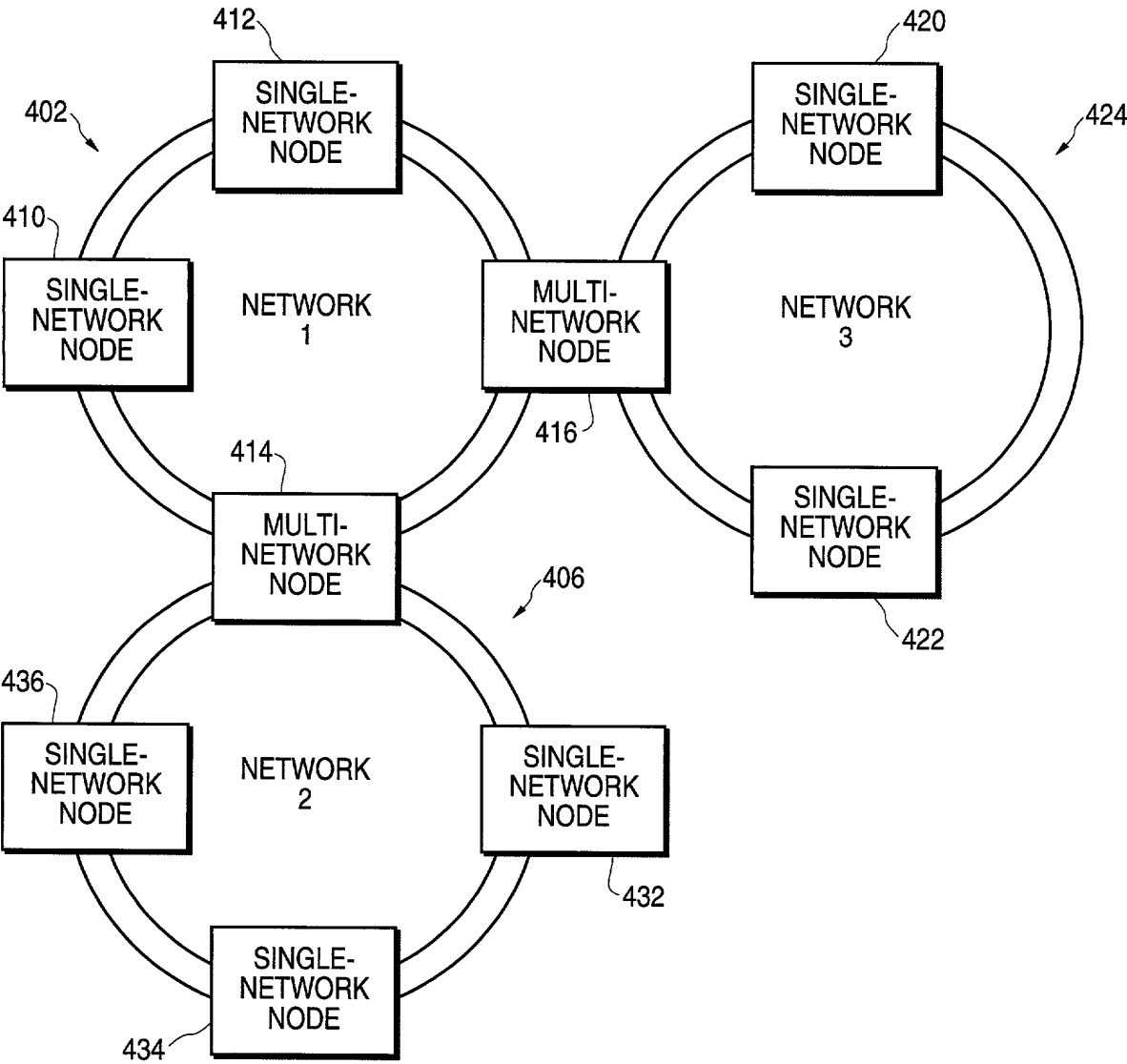


FIG.4

500

| | | |
|---|-----|--------|
| 502 | 503 | 504 |
| MESSAGE TYPE | TTL | LENGTH |
| 1 ST NODE TID (OCTETS 0 - 3) | | |
| 1 ST NODE TID (OCTETS 4 - 7) | | |
| ⋮ | | |
| 1 ST NODE TID (OCTETS 60 - 63) | | |
| 1 ST NODE IP (OCTETS 0 - 3) | | |
| 2 ND NODE TID (OCTETS 0 - 3) | | |
| 2 ND NODE TID (OCTETS 4 - 7) | | |
| ⋮ | | |
| 2 ND NODE TID (OCTETS 60 - 63) | | |
| 2 ND NODE IP (OCTETS 0 - 3) | | |
| ⋮ | | |
| N TH NODE TID (OCTETS 0 - 3) | | |
| N TH NODE TID (OCTETS 4 - 7) | | |
| ⋮ | | |
| N TH NODE TID (OCTETS 60 - 63) | | |
| N TH NODE IP (OCTETS 0 - 3) | | |

FIG.5

600

602

| MESSAGE TYPE | TTL | LENGTH |
|---|-----|--------|
| 1 ST NODE TID (OCTETS 0 - 3) | | |
| 1 ST NODE TID (OCTETS 4 - 7) | | |
| ⋮ | | |
| 1 ST NODE TID (OCTETS 60 - 63) | | |
| 1 ST NODE IP (OCTETS 0 - 3) | | |
| 1 ST NODE STATUS | | |
| ⋮ | | |
| N TH NODE TID (OCTETS 0 - 3) | | |
| N TH NODE TID (OCTETS 4 - 7) | | |
| ⋮ | | |
| N TH NODE TID (OCTETS 60 - 63) | | |
| N TH NODE IP (OCTETS 0 - 3) | | |
| N TH NODE STATUS | | |

604

FIG.6